

ABSTRACT

This invention provides a separator for electrical or electronic parts which is characterized in that the increase ratio in internal resistance of the separator before and after its heat treatment at 300°C for 45 minutes is within 25%, where the internal resistance is calculated according to the following equation (1):

$$\begin{aligned} &(\text{internal resistance}) = \\ &\{(\text{electrical conductivity of electrolytic solution}/ \\ &(\text{electrical conductivity of electrolytic solution-injected} \\ &\text{separator})\} \times (\text{thickness of separator}) \dots \dots \text{equation (1)} \end{aligned}$$

wherein (electrical conductivity when the electrolytic solution is injected into separator) is the electrical conductivity calculated from the AC impedance measured by sandwiching the electrolytic solution-injected separator between two electrodes..